

SiROP

Search and find scientific projects

Science projects web platform

The screenshot displays the SiROP website interface. At the top left is the SiROP logo and tagline. A navigation menu on the left lists 'HOME', 'MENU' (Login, Register, Search Opportunity, Search Organization), and 'INFORMATION' (About SiROP, Team, Network, Advisory Board, Media, Contact, FAQ, Imprint, Terms & conditions). The main content area features a 'Watch Video' section with a play button icon and a 'New to Sirop?' section with a description of the platform. Below these are three columns: 'SEARCH OPPORTUNITIES' with a 'SEARCH NOW' button, 'ADVERTISE OPPORTUNITIES' with an 'ADVERTISE NOW' button, and 'JOIN THE NETWORK' with a 'JOIN NOW' button. A 'REGISTER NOW' button is also present. The footer includes 'SIROP PARTNER INSTITUTIONS' with logos for the University of Zurich, ETH Zurich, and other institutions, along with social media sharing options.




Development
Andreas Brodbeck
www.mindclue.ch
Switzerland

Customer
SiROP Association
Switzerland

www.siropglobal.org

What is SiROP?

The screenshot displays the SiROP website interface. At the top left, the SiROP logo is visible with the tagline 'Search and find scientific projects'. The user is logged in as Mr. Jean-claude Metzger. The main navigation bar includes 'HOME', 'SEARCH', 'CREATE', and 'MANAGE'. The 'SEARCH' section is active, showing a search bar with the term 'robot' and a 'Search' button. Below the search bar, there are options to 'Save query' and 'Create a feed'. The search results are displayed in a table with columns for 'ORGANIZATION', 'LABELS', and 'TIMEFRAME'. Three results are shown:

ORGANIZATION	LABELS	TIMEFRAME
 ETHZ Department of Mechanical and Process Engineering	MSc Semester project BSc Internship	2011-08-11 – 2012-02-07 Bookmark: <input type="radio"/> No
 ETHZ Multiscale Robotics Lab	Semester project Course project	2011-09-15 – 2012-03-13 Bookmark: <input type="radio"/> No
 ETHZ Institute of Geodesy and Photogrammetry	MSc Semester project BSc	2011-08-04 – 2012-06-30 Bookmark: <input type="radio"/> No

www.siroppglobal.org

- Publish & search web platform for scientific projects (Master, Bachelor, PhD, ...)
- 6000+ registered users (Scientists & students)
- x thousand unregistered public users (Students)
- Next generation replacement of the previous Rails-based version



- Pharo 1.4 with Cog VM used for development.
- Seaside 3.0
- Deployment on GemStone 2.4 (Using Pharo based GemTools)
- Short application features insight:
 - Extended and simple search interfaces. User can save his search queries and create RSS/XHTML/XML-Feeds.
 - I18n for GUI and data objects. All content from the user can be multi-language.
 - Free form user data objects. The user can define the structure of his published information.
 - Workflow & todo management for users
 - Email notifications & mass email handling
 - Landing pages management. Admins can install predefined search results for landing pages.
 - Sophisticated user permission framework. Each user carries „badges“, which can allow/deny an action
 - Internal Smalltalk based search optimization (No SQL database, no external search indexer)
 - Lots of complex user interfaces (Seaside components)
 - User friendly multistep wizards (e.g. for publishing process). Temporary work is being stored as draft automatically.
 - Separated comprehensive backend UI for admins